Pham 87652

1: Fregley_88 + 1
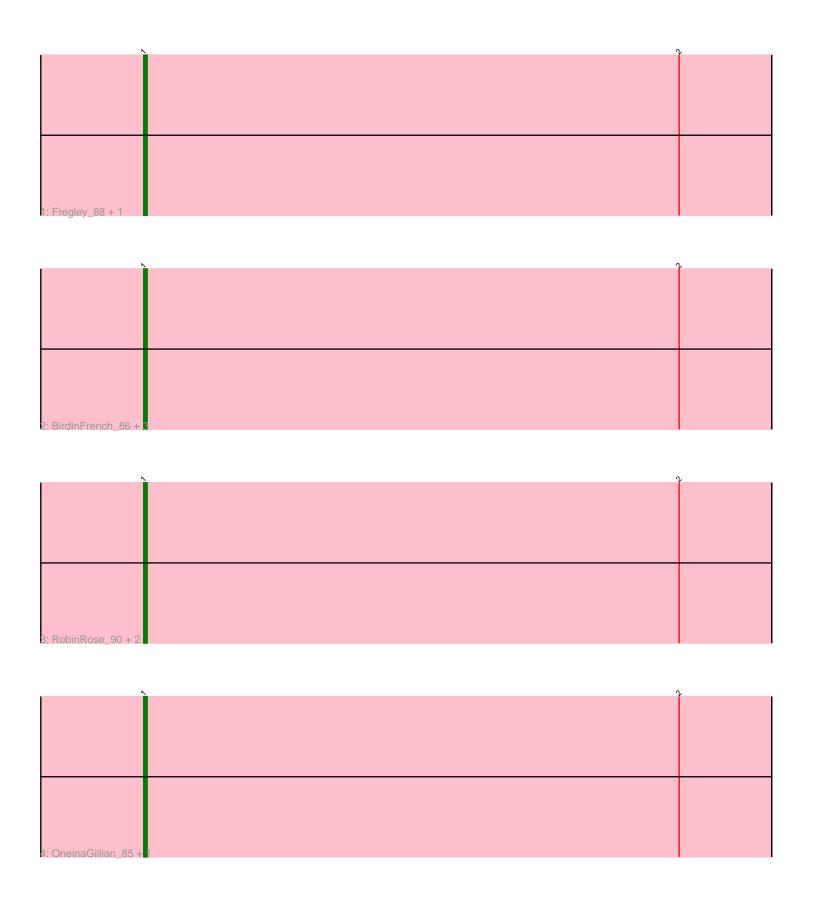
2: BirdInFrench_86 + 3

3: RobinRose_90 + 2

4: OneinaGillian_85 + 1

Note: Tracks are now grouped by subcluster and scaled. Switching in subcluster is indicated by changes in track color. Track scale is now set by default to display the region 30 bp upstream of start 1 to 30 bp downstream of the last possible start. If this default region is judged to be packed too tightly with annotated starts, the track will be further scaled to only show that region of the ORF with annotated starts. This action will be indicated by adding "Zoomed" to the title. For starts, yellow indicates the location of called starts comprised solely of Glimmer/GeneMark auto-annotations, green indicates the location of called starts with at least 1 manual gene annotation.

Pham 87652 Report

This analysis was run 04/28/24 on database version 559.

Pham number 87652 has 11 members, 3 are drafts.

Phages represented in each track:
• Track 1 : Fregley_88, CandC_85
• Track 2 : BirdInFrench_86, Marcie_92, Wilca_86, Pepe25_84
• Track 3 : RobinRose_90, Kelcole_86, Romm_90
• Track 4 : OneinaGillian_85, Tempo_88

Summary of Final Annotations (See graph section above for start numbers):

The start number called the most often in the published annotations is 1, it was called in 8 of the 8 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• BirdInFrench_86, CandC_85, Fregley_88, Kelcole_86, Marcie_92, OneinaGillian_85, Pepe25_84, RobinRose_90, Romm_90, Tempo_88, Wilca_86,

Genes that have the "Most Annotated" start but do not call it:
•

Genes that do not have the "Most Annotated" start:
•

Summary by start number:

Start 1:
• Found in 11 of 11 (100.0%) of genes in pham
• Manual Annotations of this start: 8 of 8
• Called 100.0% of time when present
• Phage (with cluster) where this start called: BirdInFrench_86 (EG), CandC_85 (EG), Fregley_88 (EG), Kelcole_86 (EG), Marcie_92 (EG), OneinaGillian_85 (EG), Pepe25_84 (EG), RobinRose_90 (EG), Romm_90 (EG), Tempo_88 (EG), Wilca_86 (EG),

Summary by clusters:

There is one cluster represented in this pham: EG

Info for manual annotations of cluster EG:
•Start number 1 was manually annotated 8 times for cluster EG.

Gene Information:

Gene: BirdInFrench_86 Start: 53621, Stop: 53439, Start Num: 1
Candidate Starts for BirdInFrench_86:
(Start: 1 @53621 has 8 MA's), (2, 53465),

Gene: CandC_85 Start: 53261, Stop: 53079, Start Num: 1
Candidate Starts for CandC_85:
(Start: 1 @53261 has 8 MA's), (2, 53105),

Gene: Fregley_88 Start: 53610, Stop: 53428, Start Num: 1
Candidate Starts for Fregley_88:
(Start: 1 @53610 has 8 MA's), (2, 53454),

Gene: Kelcole_86 Start: 53833, Stop: 53651, Start Num: 1
Candidate Starts for Kelcole_86:
(Start: 1 @53833 has 8 MA's), (2, 53677),

Gene: Marcie_92 Start: 54488, Stop: 54306, Start Num: 1
Candidate Starts for Marcie_92:
(Start: 1 @54488 has 8 MA's), (2, 54332),

Gene: OneinaGillian_85 Start: 53157, Stop: 52975, Start Num: 1
Candidate Starts for OneinaGillian_85:
(Start: 1 @53157 has 8 MA's), (2, 53001),

Gene: Pepe25_84 Start: 52540, Stop: 52358, Start Num: 1
Candidate Starts for Pepe25_84:
(Start: 1 @52540 has 8 MA's), (2, 52384),

Gene: RobinRose_90 Start: 54262, Stop: 54080, Start Num: 1
Candidate Starts for RobinRose_90:
(Start: 1 @54262 has 8 MA's), (2, 54106),

Gene: Romm_90 Start: 54259, Stop: 54077, Start Num: 1
Candidate Starts for Romm_90:
(Start: 1 @54259 has 8 MA's), (2, 54103),

Gene: Tempo_88 Start: 53954, Stop: 53772, Start Num: 1
Candidate Starts for Tempo_88:
(Start: 1 @53954 has 8 MA's), (2, 53798),

Gene: Wilca_86 Start: 53621, Stop: 53439, Start Num: 1
Candidate Starts for Wilca_86:
(Start: 1 @53621 has 8 MA's), (2, 53465),